

# 2002 California Walnut Acreage Report



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CALIFORNIA AGRICULTURAL  
STATISTICS SERVICE

## RESULTS

California's 2002 walnut acreage is estimated by the California Agricultural Statistics Service (CASS) at 226,000 acres, up less than 1 percent from 2001. Of the total acreage, 200,000 were bearing and 26,000 were non-bearing.

WALNUT BEARING AND NON-BEARING ACREAGE <sup>1/</sup>

Year	Bearing	Non-Bearing	Total
1998	193,000	28,000	221,000
1999	191,000	29,000	220,000
2000	193,000	30,000	223,000
2001	196,000	28,000	224,000
2002	200,000	26,000	226,000

<sup>1/</sup> Reported data with an allowance for incompleteness.

Of the walnut acreage in our database, Chandler continues to be the leading variety for the third year in a row with 57,506 total acres planted, followed by Hartley with 48,668 total acres planted. Chandler accounted for 34 percent of the non-bearing acreage.

San Joaquin County continues to show the largest acreage planted with 15 percent of the total, followed by Tulare County with 12 percent, and Butte County with 11 percent.

## OBJECTIVES

The purpose of this survey is to provide annual walnut acreage with information on new plantings and removals. It is a continuation of a long series of industry-funded walnut acreage surveys.

Users are cautioned that this report consists of two parts:

- ▶ Estimated walnut acreage -- bearing, non-bearing, and total.
- ▶ Detailed data by variety, year planted, and county -- as voluntarily reported by walnut growers and maintained in CASS' data base.

With perfect information, the estimated walnut acreage and the detailed data would be equivalent. However, this will never be the case for the following reasons:

- ▶ A voluntary census of 5,500 walnut growers is unlikely to ever attain 100 percent completeness.
- ▶ It is extremely difficult for a small staff in Sacramento to detect growers that are planting walnuts for the first time.
- ▶ The detailed data reflects tree removals from more than 5,000 acres during the past twelve months. Of this number, significant acreage was harvested in 2002 prior to being pulled out, and that acreage has already been removed from the detailed data.

## PROCEDURES

The major source of the walnut detailed data was a questionnaire mailed to all walnut growers included in CASS' data base. The mailing was made in late December 2002 to approximately 5,500 walnut growers. The questionnaire contained previously reported crop, variety, and acreage information preprinted. Producers were asked to update the information with new plantings, removals, and any other corrections; new growers were mailed a blank questionnaire. Growers were given six weeks to respond by mail. A telephone follow-up was then undertaken. Field personnel personally visited large growers who did not respond by mail or telephone.

To arrive at the estimated walnut acreage, the CASS walnut acreage data base was compared with data provided from the pesticide application data maintained by County Agricultural Commissioners and the Department of Pesticide Regulation.

## ACKNOWLEDGMENTS

We sincerely thank the many farm operators, owners, and management firms providing the information. Likewise, thanks to the Walnut Marketing Board for providing funding and support of this special acreage update survey.

Appreciation is due the following office staff for the hundreds of hours spent phoning and processing survey information: Jeff Olson (Agricultural Statistician), Pamela Benner, Regina Claypoole, Pearl Gonzalez, Ann Jehn, Janell McAllister, Lupe Moreno, Jeremiah Rhine, and Sheryl Zazzi.

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**2002 WALNUT ACREAGE BY COUNTY, BY YEAR PLANTED a/**

County	1990 & Earlier	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	Acres Standing in 2002		
														Bearing	Non-Bearing	Total
Alameda	17	0	0	0	0	0	0	0	0	0	0	0	0	17	0	17
Amador	418	9	1	3	1	15	12	2	0	0	0	0	0	455	6	460
Butte	14,193	428	529	786	1,080	487	634	578	119	1,111	1,132	374	684	18,742	3,392	22,134
Calaveras	613	4	0	0	4	0	14	9	13	5	0	5	51	645	74	719
Colusa	3,922	19	51	127	59	108	0	28	44	69	163	14	185	4,340	447	4,787
Contra Costa	587	7	25	13	2	3	7	36	28	2	0	20	4	708	25	733
El Dorado	179	0	0	0	0	0	1	0	30	0	0	0	1	208	1	210
Fresno	1,887	72	116	69	74	328	238	439	224	73	4	182	100	3,416	391	3,807
Glenn	4,695	95	129	330	714	638	697	685	407	595	735	485	676	8,215	2,665	10,879
Kern	1,349	16	12	0	1	1	17	0	0	85	113	1	1	1,395	200	1,595
Kings	4,214	101	150	276	630	308	463	283	425	586	110	128	112	6,813	974	7,786
Lake	4,393	12	26	4	30	35	10	8	18	17	4	7	0	4,521	41	4,562
Los Angeles	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Madera	824	0	17	74	4	6	33	88	0	2	0	2	0	1,044	5	1,049
Marin	11	0	0	0	0	0	0	0	0	2	0	0	0	11	2	13
Mendocino	43	0	0	2	0	0	0	3	0	0	0	0	0	48	0	48
Merced	3,577	174	231	270	186	288	136	238	236	455	169	75	190	5,308	917	6,225
Monterey	248	21	0	0	0	0	0	106	0	54	0	0	0	374	54	428
Napa	181	0	1	0	1	0	1	0	0	0	0	0	0	183	0	183
Placer	1,067	0	0	15	0	0	0	0	0	15	0	14	32	1,081	60	1,142
Riverside	35	0	0	0	0	0	0	0	0	0	0	0	0	35	0	35
Sacramento	193	0	0	0	2	2	27	0	0	0	0	0	0	224	0	224
San Benito	1,390	38	10	34	12	46	33	42	13	18	21	5	14	1,599	75	1,674
San Bernardino	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
San Diego	19	0	0	0	0	0	0	0	0	0	0	0	0	19	0	19
San Joaquin	22,074	671	788	874	1,228	1,152	945	991	677	899	625	311	403	29,156	2,480	31,636
San Luis Obispo	2,437	81	115	16	1	7	71	0	0	1	17	5	0	2,727	22	2,750
San Mateo	2	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2
Santa Barbara	631	0	0	0	0	4	3	3	3	3	0	0	25	643	28	671
Santa Clara	396	13	12	1	52	22	2	1	0	0	0	0	0	498	3	501
Santa Cruz	3	0	0	0	0	0	0	0	0	0	0	0	0	3	0	3
Shasta	503	0	0	24	0	11	0	33	158	175	5	98	0	722	284	1,006
Solano	4,129	143	176	121	107	390	216	270	270	205	172	86	22	5,614	693	6,307
Sonoma	177	0	0	0	0	0	1	0	0	0	0	0	0	177	1	179
Stanislaus	13,132	300	536	753	802	1,038	807	684	1,129	1,080	867	181	281	18,920	2,669	21,589
Sutter	11,757	539	502	736	601	600	681	546	580	408	411	342	137	16,483	1,356	17,840
Tehama	9,618	362	198	165	306	479	812	849	390	260	1,185	212	190	13,134	1,892	15,026
Tulare	16,753	572	672	764	983	908	869	920	769	1,600	277	202	263	23,115	2,435	25,550
Ventura	173	0	0	0	0	0	0	0	0	0	0	0	0	173	0	173
Yolo	6,079	296	165	231	424	399	345	360	407	278	234	92	48	8,580	778	9,358
Yuba	6,280	233	169	182	66	200	136	295	132	445	247	62	145	7,591	1,000	8,591
State Total	138,196	4,205	4,632	5,868	7,368	7,475	7,209	7,496	6,071	8,439	6,488	2,903	3,561	186,940	22,970	209,909

a/ Totals may not add due to rounding.

**WALNUT ACREAGE AS OF 2002 -- VARIETIES AND AGE GROUPS -- STATE SUMMARY**  
**ACREAGE PLANTED DURING YEARS SHOWN AND STANDING IN 2002 a/**

Variety	1990 & Earlier	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	Acres Standing in 2002		
														Bearing	Non-Bearing	Total
Amigo	184	0	0	0	0	0	0	4	0	0	0	0	0	188	0	188
Ashley	7,206	55	60	54	1	0	27	2	55	2	55	0	2	7,405	113	7,518
Blackmer/Mautner/ Vaughn	995	0	2	0	0	4	70	0	0	0	0	0	0	1,071	0	1,071
Chandler	15,820	2,572	3,019	4,434	5,865	5,250	4,958	4,680	3,120	<b>3,685</b>	<b>1,999</b>	<b>1,079</b>	<b>1,026</b>	49,718	<b>7,789</b>	57,506
Chico	3,025	158	13	4	22	45	1	0	1	0	0	0	0	3,269	0	3,269
Cisco	10	8	5	20	19	8	19	7	3	8	1	3	0	94	14	109
Eureka	4,368	18	24	19	16	18	47	21	15	18	9	8	12	4,510	81	4,591
Franquette	9,649	70	42	61	80	80	<b>43</b>	<b>43</b>	<b>73</b>	<b>44</b>	<b>35</b>	<b>56</b>	<b>29</b>	9,982	322	10,304
Franquette Scharsch	73	0	4	12	2	1	<b>16</b>	<b>1</b>	<b>7</b>	<b>1</b>	<b>10</b>	<b>1</b>	<b>2</b>	93	<b>38</b>	131
Gustine	320	0	2	0	0	0	0	0	0	0	0	0	0	322	0	322
Hartley	43,545	628	879	373	269	356	323	<b>582</b>	<b>255</b>	<b>241</b>	<b>660</b>	<b>225</b>	<b>333</b>	46,372	<b>2,296</b>	48,668
Howard	637	10	35	39	13	297	274	731	769	<b>1,417</b>	<b>2,233</b>	<b>743</b>	<b>1,181</b>	2,804	<b>5,574</b>	8,377
Lompoc	60	0	0	5	0	0	0	0	0	0	0	0	0	65	0	65
Marchetti	401	0	0	0	0	13	0	0	<b>19</b>	0	0	0	0	415	19	433
Mayette	532	0	1	3	0	0	<b>0</b>	<b>0</b>	<b>0</b>	3	0	0	0	536	3	539
Midland	232	0	0	0	0	0	0	0	0	0	0	0	0	232	0	232
Nuggett	503	0	0	0	0	0	0	2	0	0	0	0	0	505	0	505
Payne	9,288	116	35	102	87	151	20	101	<b>57</b>	<b>93</b>	<b>74</b>	<b>21</b>	<b>5</b>	9,900	<b>249</b>	10,149
Pedro	537	0	0	0	0	0	0	0	0	0	1	0	0	537	1	537
Pioneer	28	30	0	0	0	36	0	0	0	0	0	0	0	94	0	94
Poe	429	0	0	0	0	0	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	429	0	430
Serr	19,013	94	94	119	340	317	542	307	<b>123</b>	<b>455</b>	<b>220</b>	<b>143</b>	<b>49</b>	20,826	<b>990</b>	21,816
Sunland	1,373	124	17	38	4	160	32	4	0	1	0	<b>25</b>	<b>25</b>	1,752	<b>51</b>	1,803
Tehama	5,016	10	0	1	1	4	0	7	0	2	<b>86</b>	<b>8</b>	<b>0</b>	5,039	<b>96</b>	5,135
Trinta	948	0	0	0	0	0	0	0	0	0	0	0	10	948	10	958
Tulare	162	6	52	179	198	452	420	696	1,343	<b>2,072</b>	<b>925</b>	<b>530</b>	<b>704</b>	3,506	<b>4,232</b>	7,738
Vina	12,306	284	308	397	404	250	393	273	<b>145</b>	<b>394</b>	<b>166</b>	<b>62</b>	<b>100</b>	14,616	<b>867</b>	15,483
Waterloo	721	22	0	0	0	20	0	0	0	0	12	0	6	762	18	780
Westside	54	0	0	0	0	0	0	0	0	0	0	0	0	54	0	54
All Others	759	1	41	9	49	14	26	<b>35</b>	<b>87</b>	<b>5</b>	<b>3</b>	<b>0</b>	<b>77</b>	898	<b>207</b>	1,105
State Total	138,196	4,205	4,632	5,868	7,368	7,475	7,209	7,496	6,071	8,439	6,488	2,903	3,561	186,940	22,970	209,909

a/ Totals may not add due to rounding. Shaded/bold area represents non-bearing years and includes plantings of the following: Chandler, Chico, Howard, Tulare (1999-02); Amigo, Ashley, Cisco, Gustine, Lompoc, Marchetti, Nuggett, Payne, Pedro, Serr, Sunland, Tehama, Trinta, Vina, Westside (1998-02); Franquette, Franquette Scharsch, Mayette, Poe, (1996-02); all other varieties not specified (1997-02).